UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22513-1450 www.usuplo.gov

# NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

Alexandria, VA 22314

10/19/2004

MATTINGLY, STANGER & MALUR, P.C. Suite 370
1800 Diagonal Road

EXAMINER

ROSASCO, STEPREN D

ART UNIT

PAPER NUMBER

1756

DATE MAILED: 10/19/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/026,973	12/27/2001	Takashi Hattori	T&A-109	1705

TITLE OF INVENTION: PHOTOMASK, THE MANUFACTURING METHOD, A PATTERNING METHOD, AND A SEMICONDUCTOR DEVICE MANUFACTURING METHOD

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1370	\$300	\$1670	01/19/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 (703) 746-4000

or Fax

INSTRUCTIONS: This for appropriate, All further conindicated unless corrected maintenance fee portification	rm should be used for tra rrespondence including the below or directed otherwis	nsmitting the ISSU Patent, advance or e in Block 1, by (a	JE FEE and rders and no	PUBLICATION FEE (if requification of maintenance fees a new correspondence addres	uired). Blocks I through 5 will be mailed to the curren s; and/or (b) indicating a sep	should be completed where t correspondence address as parate "FEE ADDRESS" for	
CURRENT CORRESPONDENCE	E ADDRESS (Note: Use Block 1 for	r any change of address)					
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Suite 370				I hereby certify that t	his Fee(s) Transmittal is being with sufficient postage for fill Stop ISSUE FEE address PEO (701) 746 4000	ng deposited with the United	
1800 Diagonal Roa				addressed to the Ma	il Stop ISSUE FEE address	rst class mail in an envelope above, or being facsimile	
Alexandria, VA 22	314	*		transmitted to the US	PTO (703) 746-4000, on the	date indicated below.	
						(Depositor's name)	
						(Signatore)	
						(Date)	
APPLICATION NO.	FILING DATE	]	FIRST NAME	ED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/026,973	12/27/2001		Takash	i Hattori	T&A-109	1785	
TIFLE OF INVENTION: PI METHOD	HOTOMASK, THE MANU	FACTURING ME	ТНОД, А Р.	ATTERNING METHOD, AND	A SEMICONDUCTOR DE	VICE MANUFACTURING	
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nonprovisional	NO	\$1370		\$300	\$1670	01/19/2005	
EXAM	INER	ART UNI	T	CLASS-SUBCLASS	1		
ROSASCO, S	•	1756		430-005000	J		
<ol> <li>Change of correspondence CFR 1.363).</li> </ol>	address or indication of "F	ee Address" (37	2. For prin	nting on the patent front page, li	st	•	
	ence address for Change of	Correspondence	(1) the na	mes of up to 3 registered pater	nt attorneys 1		
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"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.				
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON TI	HE PATENT	(print or type)			
PLEASE NOTE: Unless	an assignee is identified be 37 CFR 3.11. Completion of	lou ao novimos d	115		ce is identified below, the d	ocument has been filed for	
(A) NAME OF ASSIGNE				E: (CITY and STATE OR COL	(NTRY)		
-					<b>.</b>		
Please check the appropriate a	assignee category or categor	ics (will not be prin	nted on the n	atent): 🔲 Individual 🔘 Co	urnoration or other private according		
4a. The following fee(s) are e	nclosed:		Payment of		reporation of other private gro	up entity Government	
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Advance Order - # of 0	Copies		Tayment	Payment by credit card. Form PTO-2038 is attached.  The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to posit Account Number			
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5. Change in Entity Status (I				ant is no longer claiming SMAL			
The Director of the USPTO is NOTE: The Issue Fee and Pul interest as shown by the recon	requested to apply the Issu- plication Fee (if required) w ds of the United States Pate	Fee and Publication ill not be accepted to the and Trademark O	on Fee (if any from anyone office.	y) or to re-apply any previously other than the applicant; a regis	paid issue fee to the applicationed attorney or agent, or the	ion identified above.	
Authorized Signature			-				
Typed or printed name				Registration ?	No.		
This collection of information an application. Confidentiality submitting the completed applithis form and/or suggestions for Box 1450, Alexandria, Virgini Alexandria, Virginia 22313-14 Under the Paperwork Reduction	is required by 37 CFR 1.31 is governed by 35 U.S.C. lication form to the USPTC or reducing this burden, she is 22313-1450. DO NOT S 150. on Act of 1995, no persons a	1. The information 122 and 37 CFR 1.1 2. Time will vary de- uld be sent to the C END FBES OR CO are required to response	is required to 14. This collepending upon thief Information MPLETED	o obtain or retain a benefit by the cetion is estimated to take 12 n on the individual case. Any cor ation Officer, U.S. Patent and TFORMS TO THIS ADDRESS.	e public which is to file (and inutes to complete, including nments on the amount of tire 'rademark Office, U.S. Depar SEND TO: Commissioner for	by the USPTO to process) gathering, preparing, and e you require to complete trment of Commerce, P.O. or Patents, P.O. Box 1450.	
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### UNITED STATES PATENT AND TRADEMARK OFFICE

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10/026,973	12/27/2001	Takashi Hattori	T&A-109 1785	
	590 10/19/2004		EXAM	INER
Suite 370 1800 Diagonal Road ART UNIT			ROSASCO, STEPHEN D	
			PAPER NUMBER	
Alexandria, VA 22314			1756	
			DATE MAILED: 10/19/2004	i

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 88 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 88 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



### United States Patent and Trademark Office

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10/026.973	12/27/2001	Takashi Hattori	T&A-109 1785		
7590 10/19/2004 MATTINGLY, STANGER & MALUR, P.C.		R, P.C.	EXAMINER ROSASCO, STEPHEN D		
Suite 370 1800 Diagonal Road			ART UNIT	PAPER NUMBER	
Alexandria, VA 22	2314		1756		
			DATE MAILED: 10/19/2004	4	

#### Notice of Fee Increase on October 1, 2004

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2004, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" because some fees will increase effective October 1, 2004. See Revision of Patent Fees for Fiscal Year 2005; Final Rule, 69 Fed. Reg. 52604, 52606 (May 10, 2004).

The current fee schedule is accessible from WEB site (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2004 (or mailed with a certificate of mailing on or after October 1, 2004), the issue fee paid should be the fee that is required at the time the fee is paid. See Manual of Patent Examining Procedure (MPEP), Section 1306 (Eighth Edition, Rev. 2, May 2004). If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See MPEP Section 1308.01.

Effective October 1, 2004, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

By a small entity (Sec. 1.27(a))......\$685.00 By other than a small entity......\$1,370.00

(b) Issue fee for issuing a design patent:

By a small entity (Sec. 1.27(a)).....\$245.00 By other than a small entity......\$490.00

(c) Issue fee for issuing a plant patent:

By a small entity (Sec. 1.27(a))......\$330.00

By other than a small entity......\$660.00

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.